

# High School to College Articulation Map

**Area of Study:** Trade & Technology Education

**Pathway:** Mechanics & Repair - Electronics

**National Career Cluster:** Architecture & Construction

<b>Region</b> Wasatch Front	<b>District</b>	<b>School</b>	<b>College / Institution</b> Salt Lake Community College
<b>Contact person</b> Don Johnson	<b>Ph.#</b> 957-5807	<b>Articulation Agreement in place?</b> Yes * No	
<b>e-mail</b> don.johnson@slcc.edu	<b>Date</b> 10-20-06	<b>Name of Degree or Certificate</b> Electronics Technology	
			Associate of Applied Science Degree (70 hours required)

High School				College		
Course #	High School Suggested Courses	H.S. Credit	College Credits	Course #	College General Education Requirements	Credits
	ENGL 1010*	1	3 ⇨	ENGL 1010#	Introduction to Writing	3
				ELET 1050#	Electronics Math	3
	COMM 1010*	1	3 ⇨	COMM 1010#	Elements of Effective Communication	3
				LE 1220#	Human Relations	3
	PHYS 1010*	1	3 ⇨	PHYS 1010#	Elementary Physics (Distribution (PS)	3
<b>H.S.Total (General Ed.)And Other Available Credits</b>			<b>9</b>	<b>College Total Credits</b>		<b>15</b>
Course CIP #	High School Career Pathway Courses (min. # Required: 2)	H.S. Credit	College Credits	Course #	College Major Course Requirements	Credits
<u>Course#</u>	<u>Foundation Courses: (# credits required: 1.5)</u>	<u>Credit</u>				
47.0105	Electronics I*	.50	6 ⇨	ELET 1010#	DC/AC Basic Electronics	6
47.0105	Digital Electronics*	1.00	4 ⇨	ELET 1130#	Digital Circuits	4
<u>Course #</u>	<u>Elective Courses:</u>	<u>Credit</u>				
32.0199	Student Internship (Critical Workplce Skills)	.50				
				ELET 1040#	Technical Basic	2
				ELET 1080#	Electronics Assembly Skills	2
				ELET 1100#	Linear Circuits	4
				ELET 1120#	Circuit Simulation, Analysis/Design	2
				ELET 2010#	Advanced Circuit Analysis	3
				ELET 2020#	Tech Certification	2
				ELET 2080#	Surface Mount Technology	2
				ELET 2100#	Advanced Linear Circuits	4
				ELET 2150#	Communications Systems	4
				ELET 2200#	Advanced Measurements	4
				ELET 2300#	Microprocessors	4
				ELET 2750#	Electronics Troubleshooting	4
	<u>Additional Articulated Classes Below</u>	<u>Credit</u>				

11.0201	Computer Programming I (TELE 2040)*	.5	2	→	#	Electives (8 credits): ELET 1020, ELET 2410, ELET 2420, ELET 2450, ELET 2480; TELE 1110, TELE 2040	8
<b>Total Pathway Credits</b>			<b>12</b>	→	<b>Total Major Course Credits Required</b>		<b>55</b>
<b>TOTAL Potential(college) Credits Earned in High School</b>			<b>21</b>		<b>TOTAL Credits Required for Major</b>		<b>70</b>

**# Based on an articulation agreement between SLCC and Utah Valley State College, SLCC courses marked by the # sign also count toward a bachelors degree at UVSC (15 hours of General Education & 45 of 55 hours of major courses). This leaves an additional 63 hours to achieve a bachelor's degree in Technology Management at UVSC.**

**Note:** This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note: \*= concurrent; \*\*= distant** **updated10-20-06**